

# STAR

Cal. .45 ACP

LIGHT ALLOY FRAME

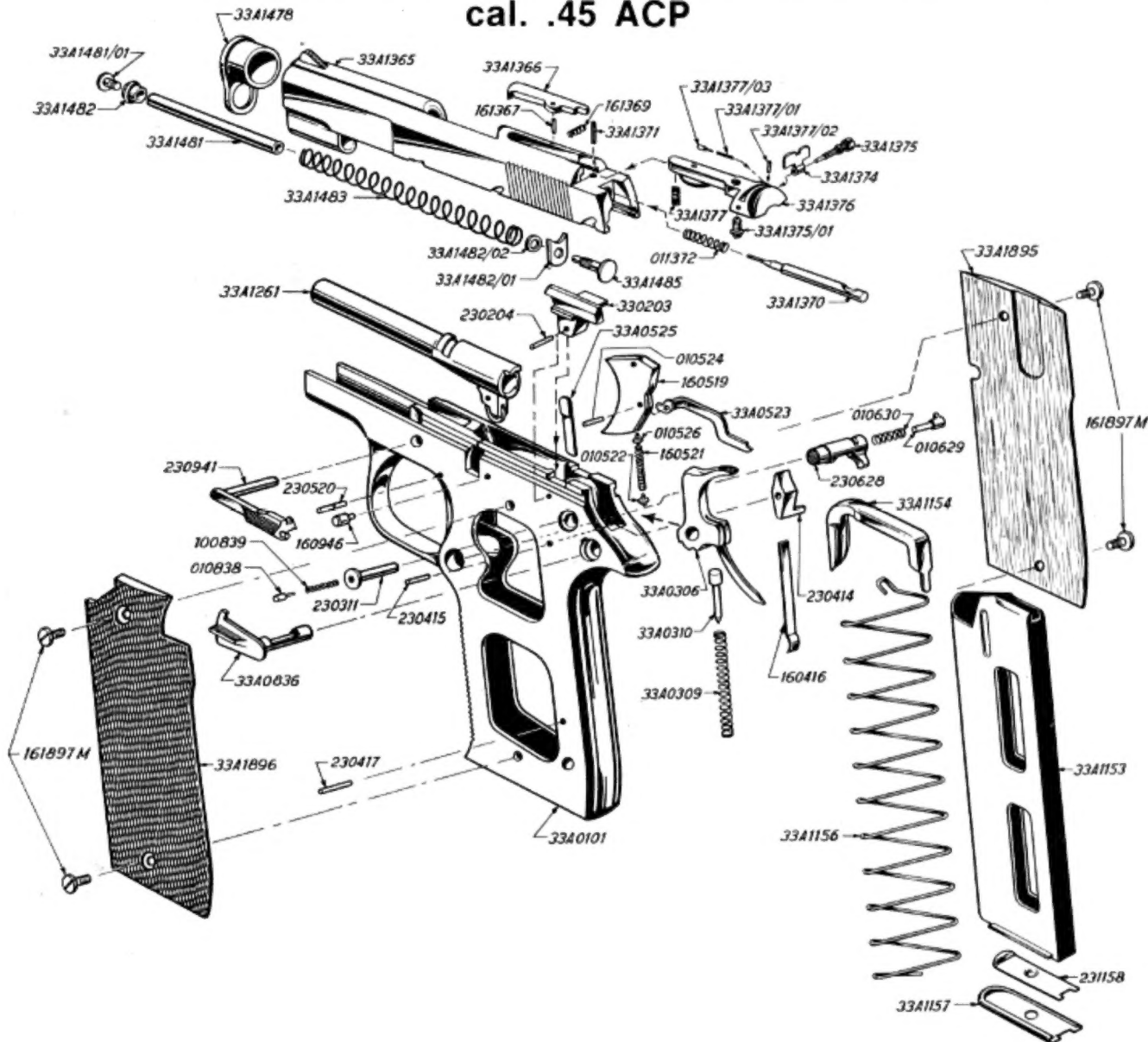


MODEL

# PD



# Exploded view of STAR Pistol model "PD" cal. .45 ACP



## STAR pistol parts for model "PD" cal. .45 ACP

Part Number	Part Number	Part Number
33A0101 Frame.	33A0836 Safety, thumb.	33A1374 Rear Sight Slide.
330203 Ejector.	010838 Safety Plunger, thumb.	33A1375 Rear Sight Windage Spindle.
230204 Ejector Pin.	100839 Safety Spring, thumb.	33A1375/01 Rear Sight Elevation Screw.
33A0306 Hammer.	230941 Slide Stop.	33A1376 Rear Sight Leaf.
33A0307 Hammer Strut.	120942 Slide Stop Plunger.	33A1377 Rear Sight Elevation Spring.
010308 Hammer Strut Pin.	160943 Slide Stop Plunger Spring.	33A1377/01 Rear Sight Windage Spindel
33A0309 Hammer Spring.	160945 Slide Stop Plunger Elastic	Plunger Spring.
33A0310 Hammer Spring Plunger.	Retaining Pin.	33A1377/02 Rear Sight Windage Spindel
230311 Hammer Pin.	160946 Slide Stop Screw-Button.	Retaining Pin.
230414 Sear.	33A1153 Magazine Tube.	33A1377/03 Rear Sight Windage Spindel
230415 Sear Pin.	33A1154 Magazine Follower.	Plunger.
160416 Sear Spring.	33A1156 Magazine Spring.	33A1478 Barrel Bushing.
230417 Sear Spring Retaining Pin.	33A1157 Magazine Floor Plate.	33A1481 Recoil Spring Guide.
160519 Trigger.	231158 Magazine Floor Plate Catch.	33A1481/01 Recoil Spring Guide Plug.
230520 Trigger Pin.	33A1261 Barrel.	33A1482 Recoil Spring Guide Washer.
160521 Trigger Plunger Spring.	331262 Barrel Link.	33A1482/01 Recoil Spring Guide Buffer.
010522 Trigger Plunger.	231263 Barrel Link Pin.	33A1482/02 Recoil Spring Guide Buffer
33A0523 Sear Bar.	33A1365 Slide.	Bearing Washer.
010524 Sear Bar Pin.	33A1366 Extractor.	33A1483 Recoil Spring.
33A0525 Interruptor.	161367 Extractor Pin.	33A1485 Recoil Spring Guide Head.
010526 Trigger Pin Retaining Plunger.	161369 Extractor Spring.	33A1587 Front Sight.
230628 Magazine Catch.	33A1370 Firing Pin.	33A1895 Grip, right.
010629 Magazine Catch Lock.	33A1371 Firing Pin Elastic Retaining Pin.	33A1896 Grip, left.
010630 Magazine Catch Lock Spring.	011372 Firing Pin Spring.	161897M Grip Screws.

WHEN ORDERING PARTS, PLEASE STATE MODEL OF PISTOL AND ITS SERIAL  
NUMBER OR SEE THE DEALER WHO SOLD YOU THE GUN.

## **Operating and partial disassembly instructions for model "PD" cal. .45 ACP**

**Description.** This pistol has a light alloy frame and is of the semi-automatic type, i.e. the recoil of each shot being utilized to eject the fired shell, cock the hammer and strip another cartridge from the magazine into the chamber.

### **LOADING:**

**To remove the magazine.** Depress the magazine catch button, which is on the left side of the pistol back the trigger, and withdraw the magazine.

**To fill the magazine.** Hold the magazine in the left hand. Take a cartridge in the right hand and place it between the lips of the magazine and press it downward so that the base of the cartridge will contact the rear of the magazine. Repeat this operation until six (6) cartridges have been loaded into the magazine. The cutaway portions on both sides of the magazine permits checking the number of cartridges loaded and when it contains its full capacity, the rear extension of the magazine follower protrudes through the rear opening of the removable floor-plate as soon as the magazine is fully inserted into the grip.

**To load the pistol.** Push the loaded magazine into the pistol grip as far as it will go. Grasp the serrations on the rear of the slide between the first finger and thumb. Draw the slide completely backwards and allow it to snap forward. The pistol is now cocked and a cartridge is in the chamber, ready for firing.

**To fire the pistol.** Hold the pistol firmly in shooting position and press the trigger. The discharge of the cartridge forces the slide backwards extracting the fired cartridge case and cocking the hammer. The forward movement of the slide under the pressure of the recoil spring strips a new cartridge from the magazine into the chamber. The pistol is then ready to fire again. This is repeated as rapidly as the trigger is pressed until the magazine is empty. When all the cartridges are fired and the magazine is empty, the slide stop engages the slide and holds it open.



## SAFETIES

The model "PD" pistol has an exposed hammer. In effect, this is a safety measure allowing the shooter to tell at a glance or touch that the hammer is cocked and the gun ready for firing.

- a) A thumb safety is provided on the left side of the pistol frame, which when pushed upward, with the hammer in its full-cocked position, positively locks both the hammer and slide.
- b) This thumb safety, with the hammer fully lowered, will also lock both the slide and hammer.
- c) With the hammer in its half-cocked position, this thumb safety does not lock neither the hammer nor the slide.
- d) When one MUST carry this pistol with a live round chambered, put the thumb safety in its "on" position (red mark not visible) with the hammer full-cocked. Should a quick shot be required, disengage the thumb safety with a flick of the shooting thumb and start firing.

NOTES: Carrying this (or any) pistol with a live round chambered and hammer fully lowered or half-cocked cannot be recommended. The greatest degree of safety is obtained by carrying the gun with the chamber empty.

"Dry-firing" can cause firing pin breakage. If one wishes to snap the hammer on an unloaded gun for practice, one should always place a fired cartridge case or snap-cap in the chamber to cushion the firing pin fall.

**To unload the pistol.** Remove the magazine. If a cartridge remains in the chamber, pull the slide to the rear. This will extract and eject the cartridge. Always do this when you are through shooting and want to put the gun away unloaded.

### **To disassemble the pistol:**

1. Remove the magazine pressing on the magazine catch button.
2. Cock the hammer.

3. Hold the pistol in the right hand and grasp the slide with the left hand. Push the slide to the rear and hold it in this position by means of the safety which is pushed upwards with the thumb of the right hand into the middle notch in the slide.
4. Press the index finger of the right hand against the end of the slide stop cam which protrudes from the opposite side of the frame above the trigger guard and withdraw the slide stop with the left hand.
5. Free the slide by lowering the safety, taking care during this operation to hold the slide in the left hand; draw the slide forward until it is completely disengaged.
6. The recoil spring assembly may now be pulled out of the slide and the barrel bushing removed by turning it to the right as far as it will go. Withdraw the barrel from the front of the slide.

**This is all the disassembling necessary to properly clean the pistol.**

**To reassemble the pistol:** Reverse this procedure.

- a) When replacing the recoil spring assembly, the half-moon notch of the recoil spring guide must lie on the barrel.
- b) Be sure that the hole of the barrel link lines up with the hole on the frame from which the slide stop was removed.

### **Important instructions for best functioning of the pistol**

1. All moving parts should be lightly oiled.
2. Clean the barrel and chamber after firing. Built up residue in the chamber can result in misfires due to the cartridge not seating fully in the chamber. Avoid cleaning from the muzzle. Always

wipe off the exterior of the gun after use, with a slightly oily cloth. This will remove finger marks and protect the finish.

3. Use only standard loads for which the pistol is designed and make sure that the bore is free from obstructions before loading and shooting.
4. Care should be taken to prevent the magazine from being dented or otherwise damaged.

NOTE: Do not point the pistol, loaded or unloaded, at anything you do not want to shoot.

### Numerical data of STAR pistol model "PD" Caliber .45 ACP

Caliber . . . . .	.45 ACP
Magazine capacity . . . . .	6 rounds
Weight of pistol w/empty magazine . . . . .	710 g = 25.063 oz.
Length overall . . . . .	180 mm = 7.086 in.
Height . . . . .	125 mm = 4.921 in.
Width of Grip . . . . .	30 mm = 1.181 in.
Length of barrel . . . . .	100 mm = 3.937 in.
Length of rifled section . . . . .	70 mm = 2.755 in.
Number of grooves . . . . .	6
Depth of grooves . . . . .	0.09 mm = .00354 in.
Width of grooves . . . . .	4 mm = .15748 in.
Twist of rifling (Reightdrall) in one turn . . . . .	311.73 mm = 12.282 in.



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